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PROCEEDINGS OF SCIENTIFIC SOCIETIES.

The U. S. National Academy of Sciences met in Washington, D. C., Tuesday, April 16th, 1895, and continued in session until Friday the 20th, inclusive. The following papers were read: "On Some Variations in the Genus Eucope," A. Agassiz and W. McM. Woodworth; "Notes on the Florida Reef," A. Agassiz; "The Progress of the Publications on the Expedition of 1891 of the U. S. Fish Commission Steamer 'Albatross,' Lieut.-Commander Z. L. Tanner, commanding;" A. Agassiz; "On Soil Bacteria," M. P. Ravenel (introduced by J. S. Billings); "A Linkage Showing the Laws of the Refraction of Light," A. M. Mayer; "On the Color Relations of Atoms, Ions and Molecules," M. Carey Lea; "Mechanical Interpretation of the Variations of Latitude," R. S. Woodward (introduced by S. C. Chandler); "On a New Determination of the Nutation-Constant, and Some Allied Topics," S. C. Chandler; "On the Secular Motion of a Free Magnetic Needle," L. A. Bauer (introduced by C. Abbe); "On the Composition of Expired Air, and Its Effect Upon Animal Life," J. S. Billings; "Systematic Catalogue of European Fishes," Th. Gill; The Extinct Cetacea of North America," E. D. Cope; On the Application of a Percentage Method in the Study of the Distribution of Oceanic Fishes:" (A) "Definition of Eleven Faunas and Two Sub-faunas of Deep Sea Fishes," (B) "The Relationships and Origin of the Carribeo-Mexican and Mediterranean Sub-faunas," G. Brown Goode; "On the Two Isomeric Chlorides of Ortho-sulpho-benzoic Acid," Ira Remsen; "On Some Compounds Containing Two Halogen Atoms in Combination with Nitrogen," Ira Remsen; "Presentation of the Watson Medal to Mr. Seth C. Chandler, for his Researches on the Variation of Latitudes, on Variable Stars, and for his other works in Astronomy"; "Biographical Memoir of Dr. Lewis M. Rutherford," B. A. Gould; "Relation of Jupiter's Orbit to the Mean Plane of Four Hundred and One Minor Planet Orbits," H. A. Newton; "Orbit of Miss Mitchell's Comet, 1847, VI," H. A. Newton.

The following officers were elected: President, Walcott Gibbs; Home Secretary, Asaph Hall; Foreign Secretary, Alexander Agassiz; Council, G. J. Brush, G. L. Goodale, S. Newcomb, B. A. Gould, Ira Remsen, O. C. Marsh.

The following were elected members: C. O. Whitman, Chicago; W. L. Elkin, New Haven; C. S. Sargent, Jamaica Plain, Mass.; W. H. Welch, Baltimore, Md.

Boston Society of Natural History.—March 20th.—The following paper was read: Miss Grace E. Cooley, "The Reserve Cellulose of the Endosperm of Seeds of the Liliaceae."

April 3d.—The following paper was read: Prof. Harold C. Ernst, "The Antitoxine of Diphtheria."

—SAMUEL HENSHAW, *Secretary.*

The Biological Society of Washington.—March 9th.—The following communications were made: Dr. C. W. Stiles, "A Double-pored Cestode with Occasional Single Pores;" Mr. Theo. Holm, "Oedema of Violet Leaves;" Dr. Geo. M. Sternberg, "Explanation of Acquired Immunity."

March 23d.—The following communications were made: Mr. Chas. T. Simpson, "On the Respective Values of the Shell and Soft Parts in Naiad Classification;" Mr. F. V. Coville, "Remarks on the List of Pteridophyta and Spermatophyta Growing Without Cultivation in Northeastern North America;" Dr. C. W. Stiles, "Two Cases of Adult Cestodes in *Sus scrofa*;" Prof. Joseph F. James, "Remarks on *Dæmonelix* and Allied Fossils." —FREDERIC A. LUCAS, *Secretary.*

SCIENTIFIC NEWS.

The province of Ontario is to have a great reservation for the preservation of its native animals and plants. The Algonquin Natural Park will comprise about a million acres of forest land. No hunting, trapping or destruction of animal life will be permitted within its precincts.

Dr. G. M. Dawson has been appointed to succeed Dr. A. R. C. Selwyn as Director of the Geological Survey of Canada.

An Austrian Expedition, under the direction of M. Julius von Payer, has been organized for Polar research. The present plan is to start for the eastern shore of Greenland in June, 1896.

A course of Popular Science Lectures, given under the auspices of the Ethical Society of St. Louis in the Grand Opera House of that city during the past winter, includes the following subjects: About Birds, or Life in the Air, Mr. Frank M. Chapman; The Native Races of North America, Mr. Frederick Starr; Explorations and Experiences in the Arctic Regions, Prof. Angelo Heilprin; About Fishes, or Life under the Sea, Prof. E. D. Cope.